

REMARKS

Claims 6-25 were examined in the Office Action mailed October 28, 2008.

The following objection and rejection are currently pending:

- Objection to the drawings for failure to illustrated the multiple air conditioning ducts, different vehicle interior regions, sensor elements assigned to each air conditioning duct, sensors A1-A4 and the blower arrangement.
- Rejection of claims 6-25 under 35 U.S.C. § 112, first paragraph, as failing to comply with the enablement requirement, on the ground that the claimed subject matter is not described in the Specification in such a way as to enable one of ordinary skill in the art to make or use the invention, based on the lack of illustration of the claimed invention in the drawings.

1. The Drawing Objection: The Applicant is requesting Examiner approval to add a new Fig. 2 showing the multiple air conditioning ducts, different vehicle interior regions, sensor elements assigned to each air conditioning duct, sensors A1-A4 and the blower arrangement.

The Applicant submits that no new matter is added in Fig. 2. Support for the features illustrated in Fig. 2 may be found in the original disclosure, for example, in paragraphs [0016] (“four-zone air conditioning system” feeding air to different vehicle interior regions), [0017] (“four-quadrant sensor” with individual sensors detecting one of four “vehicle region[s]”); [0021] (control of blower power and blow-in temperature to adjust cooling in each of the interior regions).

In addition, the Applicant respectfully submits that in view of the notoriously well-known components of a vehicle air conditioning system, including use of multiple ducts, division of spaces into individually-cooled zones, and arrangements of blowers and temperature- and air direction altering-plenum flap-style air control valves – many of which are illustrated and

described, for example, in the prior art documents identified in original Specification paragraphs [0003]-[0007]) – there should be no question that one of ordinary skill in the art would instantly understand from the original disclosure that all of the elements cited in the drawing objection were disclosed (either expressly or inherently).

In view of the foregoing, the Applicant submits that no new matter is present in Fig. 2, and respectfully requests approval of this new figure.

2. The § 112, First Paragraph, Rejection. The Applicant respectfully traverses the rejection of claims 6-25 as not enabled under § 112. As noted above, it is notoriously well-known how vehicle air conditioning systems are arranged and operated. Thus, one of ordinary skill in the art – *after learning of the novel employment of sensors and control algorithms described in the original disclosure* – would have absolutely no difficulty in practicing the invention. In the original disclosure, examples of multi-zone air conditioning systems and solar sensor employment are identified to those of skill in the art. The Applicant submits that *after* learning of the present invention's sensor arrangements and approach to control of individual cooling zones within the vehicle, one of ordinary skill in the art would be immediately able to use the sensors and approach to individual air conditioning control, *i.e.*, without undue experimentation (indeed, likely without any experimentation at all). Accordingly, the Applicant submits that the original disclosure is fully enabled when viewed from the perspective of the knowledge already possessed by one of ordinary skill in the art (as required by MPEP) and the complete disclosure of the present invention in the original

disclosure (even without new Fig. 2, which is added solely to resolve the issue with illustration of claimed elements, not to add new matter).

The Applicant respectfully requests the pending § 112, first paragraph, rejection be reconsidered and withdrawn.

CONCLUSION

In view of the foregoing amendments and remarks, the Applicant submits that claims 6-25 are in condition for allowance. Early and favorable consideration and issuance of a Notice of Allowance for these claims is respectfully requested.

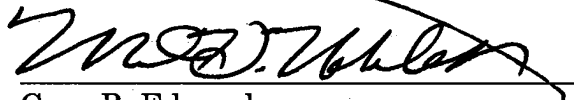
If there are any questions regarding this submission or the application in general, a telephone call to the undersigned would be appreciated since this should expedite the prosecution of the application for all concerned.

If necessary to effect a timely response, this paper should be considered as a petition for an Extension of Time sufficient to effect a timely response, and please charge any deficiency in fees or credit any overpayments to Deposit Account No. 05-1323 (Docket # 095309.56367US).

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CROWELL & MORING LLP
P.O. Box 14300
Washington, DC 20044-4300
Telephone No.: (202) 624-2500
Facsimile No.: (202) 628-8844

Respectfully submitted,



Gary R. Edwards
Registration No. 31,824
Mark H. Neblett
Registration No. 42,028